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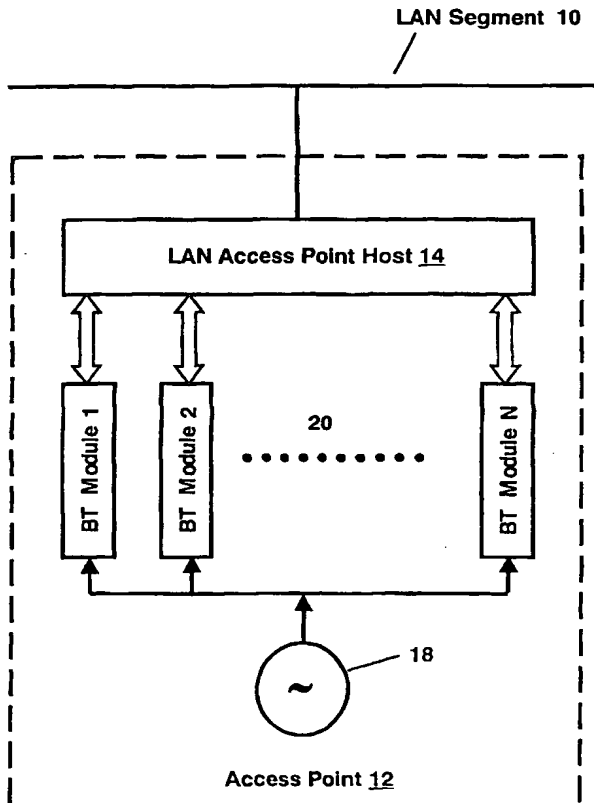
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(54) Title: WIRELESS COMMUNICATIONS ARRANGEMENTS WITH SYNCHRONIZED PACKET TRANSMISSIONS



(57) Abstract: A wireless, e.g. radio communications arrangement is disclosed, which includes an access point (12) in which are integrated a plurality of radio modules (20). Each module (20) is configurable as a master unit of an area network (10) and comprises its own native clock (28) for clocking said module (20) independently of the native clock (28) of any other said module (20). Each said module (20) further comprises its own baseband controller (24) and radio transceiver (26) and is adapted for wireless communication with one or more mobile terminals (16) by transmission of packets a.c in timeslots defined by said native clock (28) of said module (20). Each said module (20) further comprises at least one external input (18, 180; 30), through which in use is supplied a signal which substantially synchronizes said modules (20) in such a manner that there is no partial collision between packets transmissions of two said modules (20) integrated into the same said access point (12).